

**AMENDMENTS TO SPECIFICATION**

Please replace the first paragraph on page 3 of the originally filed specification with the following rewritten paragraph:

-- Autoclaving of the 18F-FDG-solution is performed at a temperature between ~~110°C and 150°C~~ **110°C and 150°C**, preferably at a temperature between ~~130°C and 140°C~~ **130°C and 140°C** and more preferably at a temperature of **134°C** ~~134°C~~. It was found that these temperatures are optimal considering stability and half-life of the 18F radio-isotope. The autoclaving process of the 18F-FDG-solution is performed during 1 to 30 minutes, preferably during 1 to 10 minutes and more preferably during 2 to 5 minutes. These ranges have been optimized considering the relatively short half-life of the 18F radio-isotope, which is 109.8 minutes. --